ELEC 302 - Spring 2015

Organizational Information

1. The web page for this course is reachable through: http://www-ece.rice.edu/~aca/302.html
   All homework assignments and solutions will be downloadable from this address.

2. *Homeworks*. There will be 8 assignments. The solutions of the assignments will be presented by the students in class.

3. *Projects*. The final assignment is a group project (in groups of 2-3 students). The project presentation (in powerpoint or equivalent) will take place on 4/22 and 4/24. The written report is due the last day of classes.

4. *Grade*. The final grade will be based on the homework assignments (40%), and the final project (60%).

5. *Reading material*: Written class notes.

6. *Office Hours*: by appointment.

7. Course outcomes:
   - Approximation of static systems by means of the SVD (Singular Value Decomposition)
   - Approximation of linear dynamical systems by generalizing the SVD

   Towards this goal, the concepts of controllability and observability will be discussed which will lead to the concept of Hankel singular values and balanced representations.

8. Any student with a documented disability needing academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All discussions will remain confidential. Students with disabilities should also contact Disabled Student Services in the Ley Student Center.

   Any student with a disability requiring accommodations in this course is encouraged to contact me after class or during office hours. Additionally, students should contact Disabled Student Services in the Ley Student Center.

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